EU SEER/SCOP Test
欧盟SEER/SCOP测试

Version 1.0

Test Standard 测试标准: ☐ (EU) No 626/2011 ☑ (EU) No 206/2012 ☑ EN14825 ☑ EN 14511 ☑ ENV 12102 ☐ Other_____

GPA requirement: 产品审批要求:

GPA requirement for rated SEER GPA 的额定制冷季节能效比要求 (%)	>=100%
GPA requirement for rated SCOP GPA 的额定制热季节性能系数要求 (%)	>=100%
GPA requirement for Sound Power GPA 的声功率要求	<=Rated

☑ Inverter Single Split type 变频一拖一 分体机 ☐ On/off Single Split type 定速一拖一 分体机 ☐ Inverter Multisplit type 变频一拖多 分体机 ☐ On/off Multisplit type 定速一拖多 分体机

ERP Hisense Mode: 欧洲海信型号:	AUD125UX4REH8＆AUW125U6RN8	Manufacturer Model: 工厂型号:	AUD-42UX4REH8＆AUW-42U6RN8

Test Result:

Function (indicate to which function information applies)		If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.	
Cooling	Y	**Average (mandatory)**	Y
Heating	Y	**Warmer (if designated)**	Y
		Colder (if designated)	N

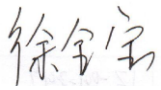
Item	Symbol	Rated value	Tested Value	Unit	Item	symbol	Rated value	Tested Value	unit
Design load					**Seasonal efficiency**				
cooling	Pdesignc	12.10	12.100	kW	cooling	SEER	6.20	6.34	—
heating/Average	Pdesignh	9.00	9.000	kW	heating/Average	SCOP(A)	4.27	4.28	—
heating/Warmer	Pdesignh	9.00	9.000	kW	heating/Warmer	SCOP(W)	5.35	5.41	—
heating/Colder	Pdesignh	NA	NA	kW	heating/Colder	SCOP(C)	NA	NA	—
Declared capacity (*) for cooling, at indoor temperature 27(19) °C and outdoor temperature Tj					**Declared energy efficiency ratio (*), at indoor temperature 27(19) °C and outdoor temperature Tj**				
Tj = 35 ℃	Pdc	12.10	12.748	kW	Tj = 35 ℃	EERd	3.30	3.31	—
Tj = 30 ℃	Pdc	8.95	8.952	kW	Tj = 30 ℃	EERd	4.25	4.29	—
Tj = 25 ℃	Pdc	5.68	5.700	kW	Tj = 25 ℃	EERd	7.25	7.29	—
Tj = 20 ℃	Pdc	2.54	2.580	kW	Tj = 20 ℃	EERd	10.37	11.10	—
Declared capacity (*) for heating/Average season, at indoor temperature 20 °C and outdoor temperature Tj					**Declared coefficient of performance (*)/Average season, at indoor temperature 20 °C and outdoor temperature Tj**				
Tj = – 7 ℃	Pdh	7.92	7.950	kW	Tj = – 7 ℃	COPd	3.00	3.15	—
Tj = 2 ℃	Pdh	4.86	4.955	kW	Tj = 2 ℃	COPd	4.25	4.26	—
Tj = 7 ℃	Pdh	3.15	3.250	kW	Tj = 7 ℃	COPd	5.25	5.25	—
Tj = 12 ℃	Pdh	2.50	2.100	kW	Tj = 12 ℃	COPd	5.80	6.15	—
Tj = bivalent temperature	Pdh	7.92	7.950	kW	Tj = bivalent temperature	COPd	3.00	3.15	—
Tj = operating limit	Pdh	8.20	8.210	kW	Tj = operating limit	COPd	2.70	2.71	—
Declared capacity (*) for heating/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj					**Declared coefficient of performance (*)/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj**				
Tj = 2 ℃	Pdh	9.00	9.010	kW	Tj = 2 ℃	COPd	3.15	3.18	—
Tj = 7 ℃	Pdh	5.76	5.795	kW	Tj = 7 ℃	COPd	5.20	5.23	—
Tj = 12 ℃	Pdh	2.61	2.750	kW	Tj = 12 ℃	COPd	5.95	6.05	—
Tj = bivalent temperature	Pdh	9.00	9.010	kW	Tj = bivalent temperature	COPd	3.15	3.18	—
Tj = operating limit	Pdh	9.00	9.010	kW	Tj = operating limit	COPd	3.15	3.18	—
Declared capacity (*) for heating/Colder season, at indoor temperature 20 °C and outdoor temperature Tj					**Declared coefficient of performance (*)/Colder season, at indoor temperature 20 °C and outdoor temperature Tj**				
Tj = – 7 ℃	Pdh	NA	NA	kW	Tj = – 7 ℃	COPd	NA	NA	—
Tj = 2 ℃	Pdh	NA	NA	kW	Tj = 2 ℃	COPd	NA	NA	—
Tj = 7 ℃	Pdh	NA	NA	kW	Tj = 7 ℃	COPd	NA	NA	—
Tj = 12 ℃	Pdh	NA	NA	kW	Tj = 12 ℃	COPd	NA	NA	—
Tj = bivalent temperature	Pdh	NA	NA	kW	Tj = bivalent temperature	COPd	NA	NA	—
Tj = operating limit	Pdh	NA	NA	kW	Tj = operating limit	COPd	NA	NA	—
Tj = – 15 ℃	Pdh	NA	NA	kW	Tj = – 15 ℃	COPd	NA	NA	—
Bivalent temperature					**Operating limit temperature**				
heating/Average	Tbiv	-7	NA	℃	heating/Average	Tol	-10	NA	℃
heating/Warmer	Tbiv	2	NA	℃	heating/Warmer	Tol	2	NA	℃

heating/Colder	Tbiv	NA	NA	℃	heating/Colder	Tol	NA	NA	℃
Power consumption of cycling					**Efficiency of cycling**				
cooling	Pcycc	NA	NA	kW	cooling	EERcyc	NA	NA	—
heating	Pcych	NA	NA	kW	heating	COPcyc	NA	NA	—
Degradation co-efficient cooling (**)	Cdc	0.25	NA	—	Degradation co-efficient heating (**)	Cdh	0.25	NA	—
Electric power input in power modes other than 'active mode'					**Seasonal electricity consumption**				
off mode	P_{OFF}	0.009	0.009	kW	cooling	Q_{CE}	683	668	kWh/a
standby mode	P_{SB}	0.009	0.009	kW	heating/Average	Q_{HE}	2951	2943	kWh/a
thermostat-off mode	P_{TO}	0.001	0.001	kW	heating/Warmer	Q_{HE}	2355	2328	kWh/a
crankcase heater mode	P_{CK}	0.000	0.000	kW	heating/Colder	Q_{HE}	NA	NA	kWh/a
Capacity control (indicate one of three options)					**Other items**				
fixed	N				Sound power level (indoor)	LWA	63	61.4	dB(A)
					Sound power level (outdoor)	LWA	69	68	dB(A)
staged	N				Global warming potential	GWP	675	0.709	$kgCO_2$ eq.
variable	Y				Rated air flow (indoor/outdoor)	—	—	—	m^3/h

TEST CONCLUSION: 测试结论

Are the SEER and SCOP TEST results Compliant or Non-Compliant? SEER/SCOP测试是否符合要求?

Compliant



Tested by (name + signature)

测试员（姓名，签名）

Approved by (name + signature)

批准人（姓名，签名）